

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

# PCT



To:

see form PCT/ISA/220

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing  
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference  
see form PCT/ISA/220

**FOR FURTHER ACTION**  
See paragraph 2 below

International application No.  
PCT/JP2005/008660 ✓

International filing date (day/month/year)  
02.05.2005 ✓

Priority date (day/month/year)  
21.05.2004 ✓

International Patent Classification (IPC) or both national classification and IPC  
H04B1/40, H04B15/00, G06K19/07

Applicant  
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

**1. This opinion contains indications relating to the following items:**

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

**2. FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

**3. For further details, see notes to Form PCT/ISA/220.**

Name and mailing address of the ISA:



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WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITYInternational application No.  
PCT/JP2005/008660

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**Box No. I Basis of the opinion**

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1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.  
☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
  - a. type of material:  
☐ a sequence listing  
☐ table(s) related to the sequence listing
  - b. format of material:  
☐ in written format  
☐ in computer readable form
  - c. time of filing/furnishing:  
☐ contained in the international application as filed.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/JP2005/008660

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**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

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**1. Statement**

Novelty (N)	Yes: Claims	1-15
	No: Claims	
Inventive step (IS)	Yes: Claims	
	No: Claims	1-15
Industrial applicability (IA)	Yes: Claims	1-15
	No: Claims	

**2. Citations and explanations**

**see separate sheet**

**Re Item V**

**Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1.0 The following documents (D) are cited in the search report; the numbering will be adhered to in the rest of the procedure:

- D1: WO 02/056247 A (KANG, HYEON-SOO) 18 July 2002 (2002-07-18)
- D2: GB-A-2 384 942 (RALPH JARMAIN) 6 August 2003 (2003-08-06)
- D3: EP-A-1 413 979 (SONY CORPORATION; SONY ERICSSON MOBILE COMMUNICATIONS JAPAN, INC) 28 April 2004 (2004-04-28)
- D4: US 2003/228892 A1 (MAALISMAA JUHA ET AL) 11 December 2003 (2003-12-11)
- D5: US 2003/045333 A1 (KIMATA YUSUKE ET AL) 6 March 2003 (2003-03-06)

2.0 The document D1 is regarded as being the closest prior art to the subject-matter of claim 1, and discloses a wireless terminal with a wireless communication section and a contact less communication section. The contact less communication is shielded against interference from the wireless communication section.

The subject-matter of claim 1 therefore differs from this known terminal in that:

The problem of interference to the contact less communication section is solved by restricting the wireless communication section, instead of shielding the contact less communication section.

This solution can however not be considered as involving an inventive step (Article 33(3) PCT) for the following reasons.

The restriction of a wireless communication unit with the purpose of avoiding interference of another communication unit integrated in the same terminal as the first communication unit is known from D4.

2.1 The same reasoning applies, mutatis mutandis, to the subject-matter of the corresponding independent claims 13 - 15, which therefore are also considered not inventive.

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING  
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/JP2005/008660

- 2.2 Dependent claims 2 - 12 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of inventive step, because they are either obvious design options or known from the documents cited in the search report.

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